

Welcome!

Update for Combined IPM Multistate Committees

March 23, 2015 – Salt Lake City, Utah





- 8:30 am Welcome ~ Marty Draper
- 8:35 am NIFA CPPM Update ~ Marty Draper & Bob Nowierski
- 9:05 am Intra-Regional/Inter-Regional Engagement for Increased Coordination and Collaboration ~ Herb Bolton
- 9:20 am IPM Centers: Selected Projects Facilitating Collaboration ~ Joe LaForest
- 9:30 am NIFA Reporting Guidance and Tips ~ Herb Bolton
- 9:50 am Discussion ~ Marty Draper
- 10:00 am Break for Regional Committees



NIFA Crop Protection and Pest Management Program

FY 2014 Overview and FY 2015 Update



CPPM – Applied Research and Development Program Area (ARDP)

Update

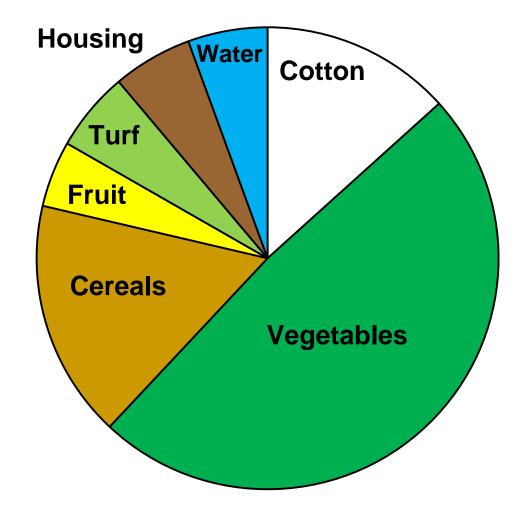
Bob Nowierski

National Program Leader

Bio-based Pest Management

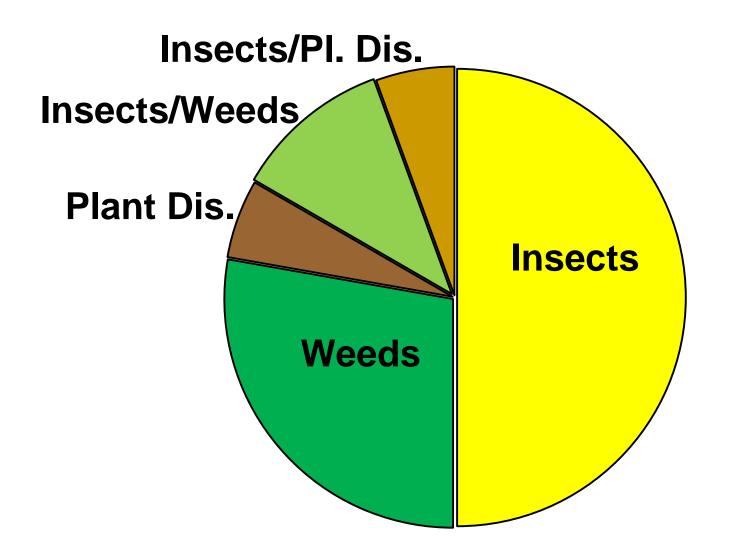


Commodities Addressed – ARDP 2014



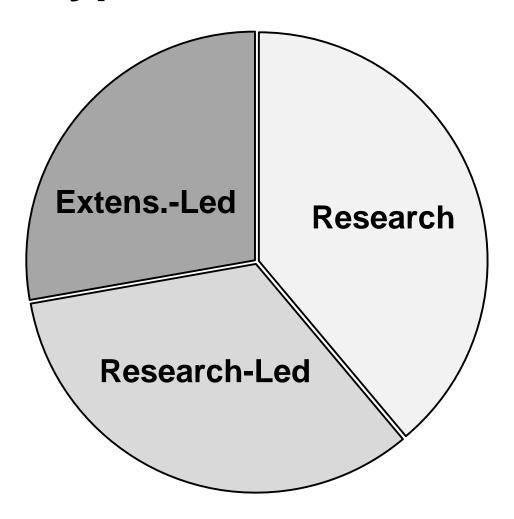


Pest Targets – ARDP 2014



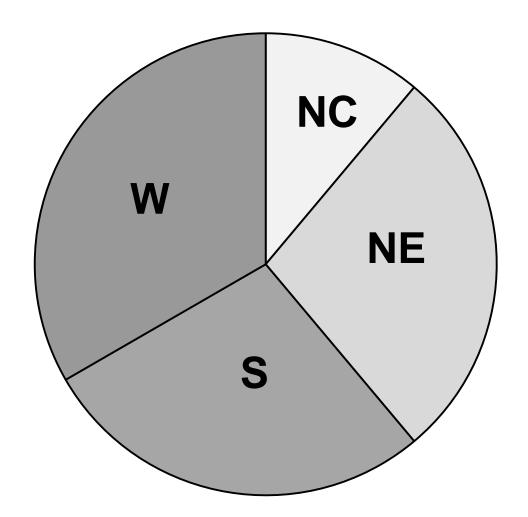


Project Types Funded – ARDP 2014





Projects Funded by Region – ARDP 2014 18 Total





Funding Opportunity Matrix

Year			
2014	ARDP	EIPM	RCP
2015	ARDP		
2016	ARDP		
2017	ARDP	EIPM	
2018	ARDP		RCP



FY 2015 CPPM-ARDP RFA

- Proposal Deadline: April 7, 2015
- Research, Research-Led, Extension-Led Projects
- Available Funding: \$4 million
- Funding Levels: \$175,000 \$300,000



Smith-Lever E-IPM to Integrated Extension Implementation Program

Update

Martin A. Draper

National Program Leader Plant Pathology/IPM



Distribution of Crop Protection Funds

2013		2014	
RIPM	2,027,650	CPPM	
RIPM-Extension	576,600		
PMAP	1,195,967		
EIPM-Support	<u> 176,523</u>		
	3,800,217	ARDP	3,978,699
Centers	3,510,953		
EIPMDSS	<u> 130,894</u>		
	3,641,847	RCP	4,150,000
EIPM-Coordination	7,997,452	EIP	8,000,000



EIPM/EIP Ranking & Funding Comparison

	2014	2013	2010	2009
Outstanding	12	13	18	9
High Priority	20	20	17	29
Medium Priority	17	15	15	14
Low Priority	0	3	3	2
Some Merit	0	0	0	3
Funding Available	\$ 8.0 M	\$ 8.0 M	\$ 8.53 M	\$ 8.4 M



Priority Area Comparison

	Agronomic	Specialty Crop	Community	Animal/Livestock
2013	31	44	30	5
2014	32	38	25	4

	Conservation	Diagnostics	Housing	PAT/PSEP	Public Health	Recreation	School	Wide- Area
2013	2	25	9	16	8	5	16	6
2014	1	18	11	11	6	3	10	3



2014 Primary Program Area Priorities











- The section 406 authority permits institutions to request recovery of indirect costs in their proposal budgets. The CPPM is under the 406 authority.
- In FY 2014, NIFA awarded 49 CPPM EIP awards.
- Of those 49 awards to institutions, 25 institutions waived the recovery of indirect costs.
- 19 institutions waived the recovery of indirect costs for three years of the award cycle.
- 6 institutions waived the recovery of indirect cost for one year.



- North Central Region:
 - 7 institutions waived the recovery of indirect costs.
 - 5 waived indirect costs for 3 years.
 - 2 waived indirect costs for 1 year.
 - The range of awards that waived the recovery of indirect costs was \$62,500 to \$278,000 per year.



- Northeastern Region:
 - 5 institutions waived the recovery of indirect costs.
 - 3 waived indirect costs for 3 years.
 - 2 waived indirect costs for 1 year.
 - The range of awards that waived the recovery of indirect costs was \$83,700 to \$271,000 per year.



Southern Region:

- 5 institutions waived the recovery of indirect costs.
- 5 waived indirect costs for 3 years.
- The range of awards that waived the recovery of indirect costs was \$135,000 to \$195,000 per year.



Western Region:

- 8 institutions waived the recovery of indirect costs.
- 6 waived indirect costs for 3 years.
- 2 waived indirect costs for 1 year.
- The range of awards that waived the recovery of indirect costs was \$32,500 to \$295,000.



Status of FY 2014-16 EIPM projects

- Schedule for continuations
 - Mid-May ~ Directed RFA posted to each PD.
 - Progress report due <u>not more than 90 days</u> before the anniversary of the grant.
 - Template will not be available in REEport before that date.
 - Application should only describe FY2015 activities.
 - New funds will start at the 2014 start date + 12 months.
 - Unexpended funds automatically carry-over.
 - DO NOT notify NIFA of a No-Cost Extension (NCE)!



CPPM – Regional Coordination Program Area (RCP)

Update

Herb Bolton
National Program Leader
Entomology



Crop Protection and Pest Management Competitive Grants Program (CPPM)

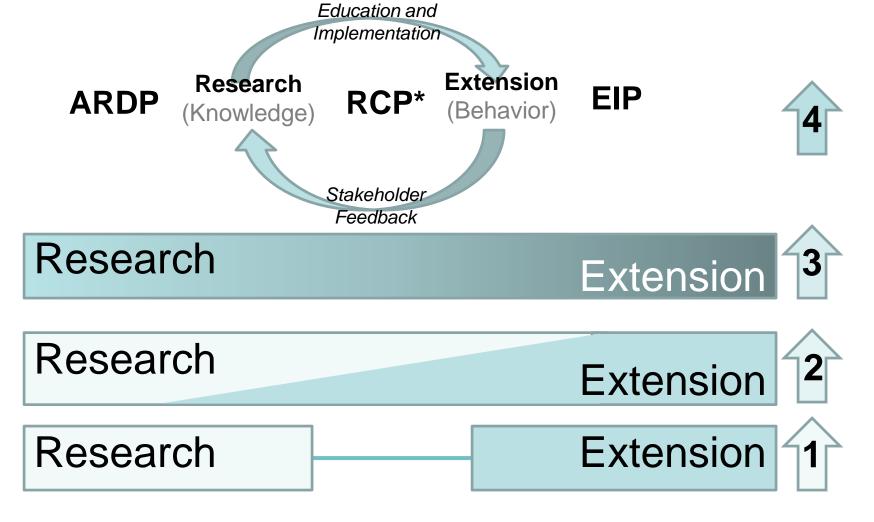
Intra-Regional/Inter-Regional **Engagement for Increased Coordination and Collaboration**

> Increasing Collaboration & Cooperation for IPM Outcomes and Impacts



*IPM Centers

Increasing Collaboration & Cooperation for IPM Outcomes and Impacts





Integrating Extension and Research Activities: An Exploratory Study

- Journal of Extension, Vol. 52, No , Feb 2014
- Radhakrishna, Tobin, and Foley, The Pennsylvania State University
- Small pilot addressing issues, such as, the status of integration activities, perceptions of Extension & research, barriers to integration, and opportunities for integration.
- Concept of integrating Extension and research dates back to the Morrill (1862) and Smith-Lever (1914) Acts.



Integrating Extension and Research Activities: An Exploratory Study

- Opportunities suggested by Radhakrishna et al.
 - Structural changes
 - Funding opportunities that require integration
 - Better communication
 - Networking







CPPM Program Key Concepts

- The new CPPM program provides support through three linked, (complimentary) program areas for <u>research</u> (discovery) to develop new IPM approaches, <u>extension</u> (translation) to disseminate IPM knowledge and improve implementation of IPM practices, and enhanced <u>coordination</u> of IPM activities at the regional and national levels to increase the adoption of IPM practices on a broad scale.
- Increased coordination/collaboration with EIP and ARDP awardees & Hatch Multistate IPM Education/Extension & Research Committee & applicable IPM Center.
- Regional Coordination Program Area (RCP)
 - Continue support for regional coordination/collaboration for IPM adoption & implementation through Regional IPM Centers
 - Intra-Regional Engagement for IPM Collaboration and Cooperation
 - Inter-Regional Engagement for IPM Collaboration and Cooperation
 - Information Networks
 - Increased coordination/collaboration with awardees & Hatch Multistate IPM Education/Extension & Research Committee & applicable IPM Center.
 - NEERA1004, NCERA222, SERA003, and WERA1017
 - Evaluation of IPM Implementation



RCP - IPM Centers

- The RCP funds projects to <u>increase coordination and improve</u>
 <u>efficiency</u> of IPM research and extension efforts; <u>facilitate</u>
 <u>collaboration</u> across states, disciplines, and purposes; and
 <u>promote further development and adoption</u> of IPM through
 regional pest management information networks, collaborative team
 building and broad-based stakeholder participation.
- The desired results of these efforts is broader implementation and adoption of research-based IPM tactics and strategies to achieve CPPM outcomes.



Regional IPM Centers

Four Funded for FY 2014 – FY 2017 One Center funded to provide IPM Information System

North Central IPM Center University of Illinois Michigan State University

Southern IPM Center* North Carolina State University* **Auburn University** University of Georgia * IPM Information System

Northeastern IPM Center Cornell University

Western IPM Center University of California **Oregon State University** University of Arizona



Regional Integrated Pest Management Centers

National Program Offerings

Joe LaForest

Co-Director

Southern IPM Center



Your partners for Integrated Pest Management



Technology Support

How can we let scientists do more SCIENCE?

Online Communications

- Setup the call
- Act as operator
- Host practice sessions
- Provide recordings
- Post content to YouTube



Project Management



Project Timeline:

Anticipated Start Date: October 1, 2012 but may have to be adjusted depending upon finalization of cooperative agreement. Contacts with cooperators will include Go To Meeting sessions, conference calls, as well as possible face-to-face meetings as needed and appropriate.

FIRST QUARTER: (OCT- DEC)

- · identify lists to be used to create the project HCP short-list; screen pests and develop master list that will be used to create short-list of pests;
- · insure that Bugwood has those species incorporated into the Bugwood database, and determine if additional images are needed;
- identify potential sources of information to be used to query and aggregate information from, solicit cooperation from appropriate IT and program leaders, and develop processes and agreements to enable information to be aggregated;
- · develop of Bugwood-side web-systems to aggregate information;
- · develop forms, formats and system that will be used at Bugwood to store, retrieve and push information to users.

SECOND QUARTER: (JAN – MAR)

- . review various sources of information and factsheets, select the one(s) for use and determine how they should be formatted and presented on the Smartphone and supporting website;
- · begin development of smartphone apps, probably first to be developed in iPhone focused on the "push-side" process;
- finalize credits page/process.
- complete development of the "push-side" app;
- modify EDDMapS, and implement EDDMapS "report-side" capability to smartphone system;
- finalize iPhone Smartphone app structure and process.

THIRD QUARTER: (APR - JUN)

- test, update and provide beta version of smartphone app to PIs and cooperators for their review and input;
- · integrate updates and needed improvements into iPhone app;
- · begin development/modify for Android app;
- send out Android-version for beta-testing.
- incorporate suggested changes/improvements into Android system;
- finalize Android app;
- · hold conference calls and hold Go To Meeting sessions with cooperators to familiarize them with use of the app, etc.
- develop and make online training materials available;
- release the apps for use by clientele;
- begin marketing push;
- cooperators, PIs and others announce the availability of the apps and integrate them into their ongoing IPM programming.

FOURTH QUARTER: (JUL – SEP)

- · continue Go To Meeting and other conference/meetings as needed to familiarize cooperators and trainers with technology and answer questions;
- implement "live" use of smartphone apps, work with IPM cooperators, and encourage cooperators to not only market availability of the apps, but also market "outputs".
- Implement and use the apps and supporting web-support system and modify as needed
- continue "marketing" the smartphone apps Continue to maintain and support the apps and
- supporting websites;
- · work with other agencies and groups to insure "seamlessness" of the system and improve connectivity

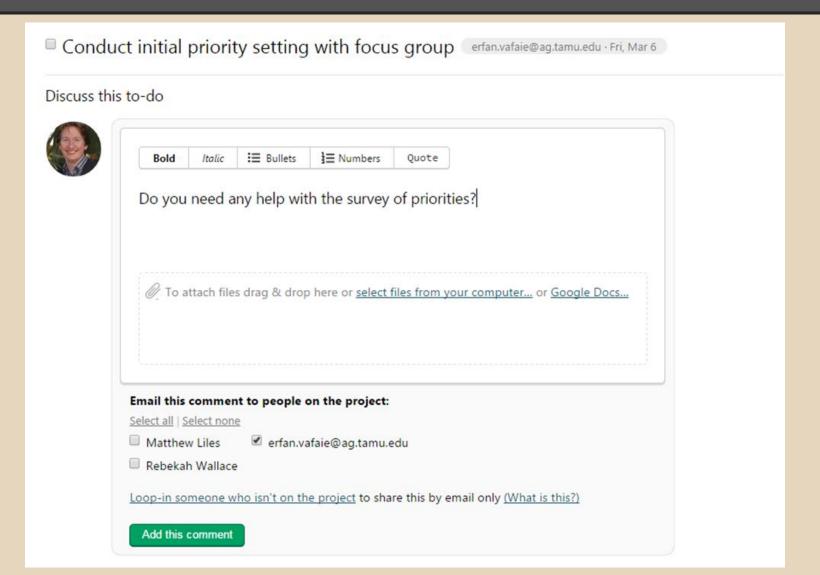
Project Management



To-do lists Add a to-do list	Watch a quick video about To
Stakeholder engagement	
☐ Conduct initial priority setting with focus group erfan.vafaie@ag.tamu.edu - Fri, Mar 6	
Conduct Focus group testing erfan.vafaie@ag.tamu.edu - Fri, Apr 17	
Add a to-do	
Content Creation	
Decide what species will be added Rebekah Wallace Fri, Mar 13	
☐ Select images to represent all species erfan.vafaie@ag.tamu.edu - Tue, Mar 31	
☐ Write articles on Insect Pests Joe LaForest • Fri, Mar 20	
■ Write articles on Foliar Diseases Matthew Liles · Fri, Mar 20	
☐ Write articles on Weeds Rebekah Wallace · Fri, Mar 20	
Add a to-do	
Web App Development	
Setup Project In app framework Matthew Liles · Fri, Mar 20	
☐ Import data for app from Content Management System Matthew Liles · Fri, Mar 27	
Final release of app after Focus group testing Matthew Liles - Thu, Apr 30 Add a to-do	

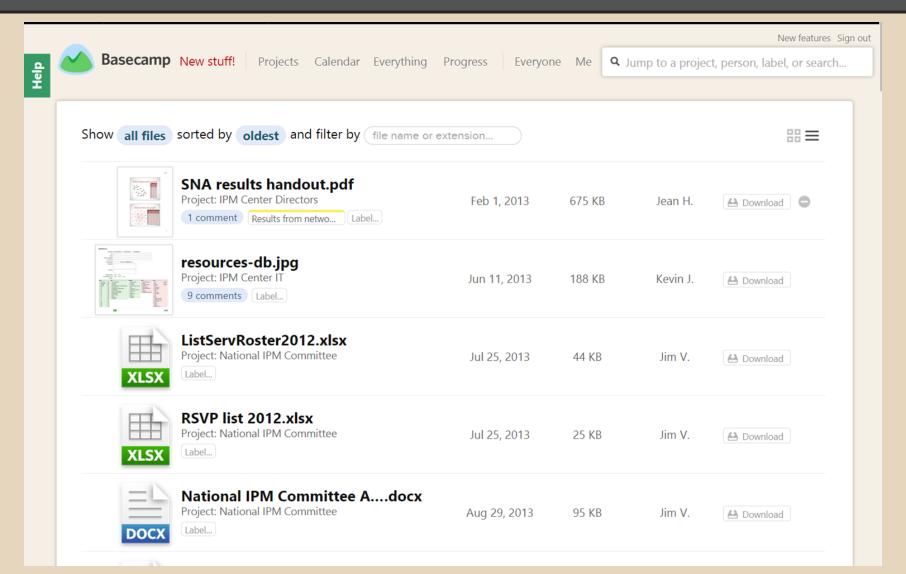












Impact Assessment

A Toolkit for Assessing IPM Outcomes and Impacts



PRINT

Welcome-Who Is This For And How Will It Help Me?

Things You Should Know Before Evaluation

Module 1: Getting Started with IPM Evaluation Planning

Module 2: Surveys

Module 3: Economic Analyses

Module 5: Secondary Data

Module 4: Focus Groups

Module 6: Case Study

Module 7: Interviews

About Us



Welcome-Who Is This For And How Will It Help Me?

A Well Communicated Evaluation Plan Is Key to Fundability

Following the formats recommended in this toolkit will greatly improve your chances of receiving IPM funding by effectively selecting and describing two **important scoring criteria used by IPM grant panels in rating your proposal**:

- 1. Your evaluation plan objectives, indicators and methods
- 2. How the evaluation objectives meet the IPM Road Map priorities

Evaluation is the systematic measurement of program inputs, process, outputs and outcomes. It also can be called Assessment.

Evaluation is an essential part of your project's accountability to the Grantor.

How Will This Help Me?

We hope that this resource will allow researchers and extension scientists with a background in agriculture or natural science with little or no prior training in impact evaluation methodologies used in the social sciences to be successful in preparing proposals, obtaining funding and conducting biological studies requiring impact assessment.

You will raise your basic skill level in evaluation. It will allow you to start at a higher level when

Newsletter generation and tracking

- E-mail newsletter generation from Blogs
- Subscriber management
- Tracking of user interaction with Newsletters
- Connecting Newsletter subscribers to their web traffic on your sites





Virginia Cooperative Extension





Virginia Ag Pest and Crop Advisory





Home

About the Virginia AG Pest Advisory

Fall soil sampling method for white grubs in corn

Posted on October 21, 2014 by Curt Laub

The Compact Method is a fall soil sampling strategy that provides timely, field-specific information for white grub management decision-making. The link below opens a PDF file describing this method.

Compact Method White Grubs AgPest Advisory Oct 14









Posted in Field Com | Tagged as fall sampling, field com, white grubs | Leave a reply

Field corn insecticide seed treatment chart

Posted on October 15, 2014 by Ames Herbert

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Your email address

First Name:

Your first name

Last Name:

Your last name

Sign up



Virginia Ag Pest & Crop Advisory

In the 08/29/2014 edition:

- Fall armyworm moth counts are unusually high
- . Corn earworm update: few moths but with high tolerance to pyrethroids
- Reports of worm damage in NC cotton
- Worms in Sorghum
- Brown marmorated stink bug (BMSB) and kudzu bug (KB) in more counties but numbers still very low
- Corn earworm and BMSB black light trap report for the week ending August 28, 2014
- Peanut Field Day at Lewiston-Woodville, NC
- Mysterious leaf spots in peanut

Fall armyworm moth counts are unusually high

By Ames Herbert on Aug 28, 2014 05:46 pm



For the past several years we have been using pheromone traps to monitor fall armyworm moth flights at the Tidewater Center. The numbers we have been catching these past few days are much higher than what we have normally seen. Fall

Lists

Reports

Automation

Q. Search

Dashboard

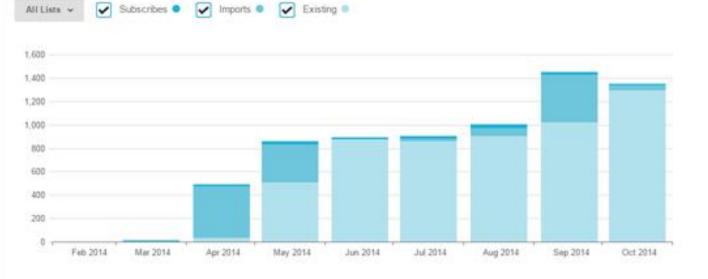
Drafts +

Create Campaign

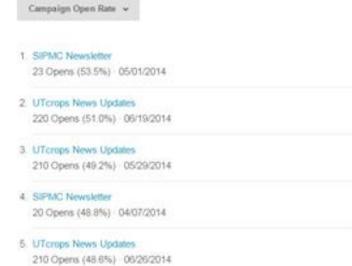
Recent Campaigns



List Growth



Top 5

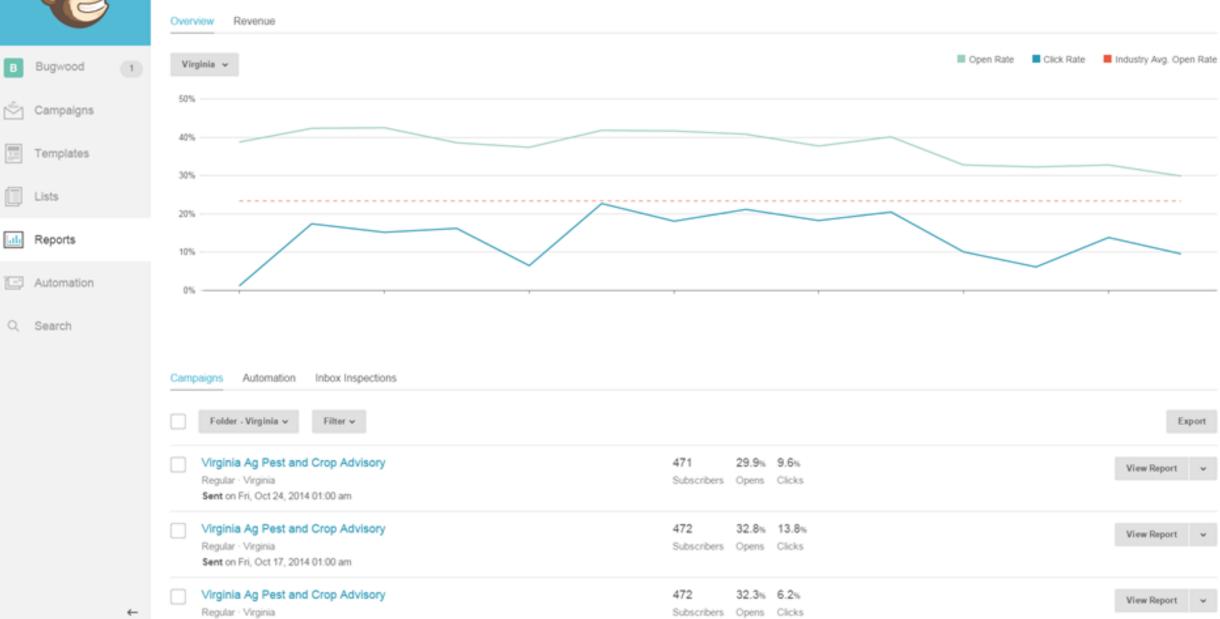


Chimp Chatter

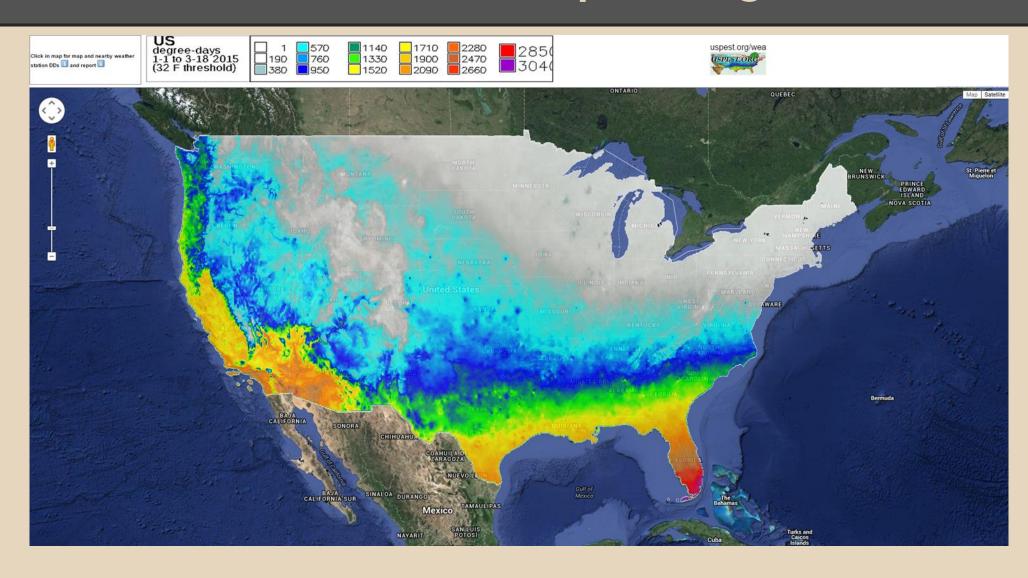


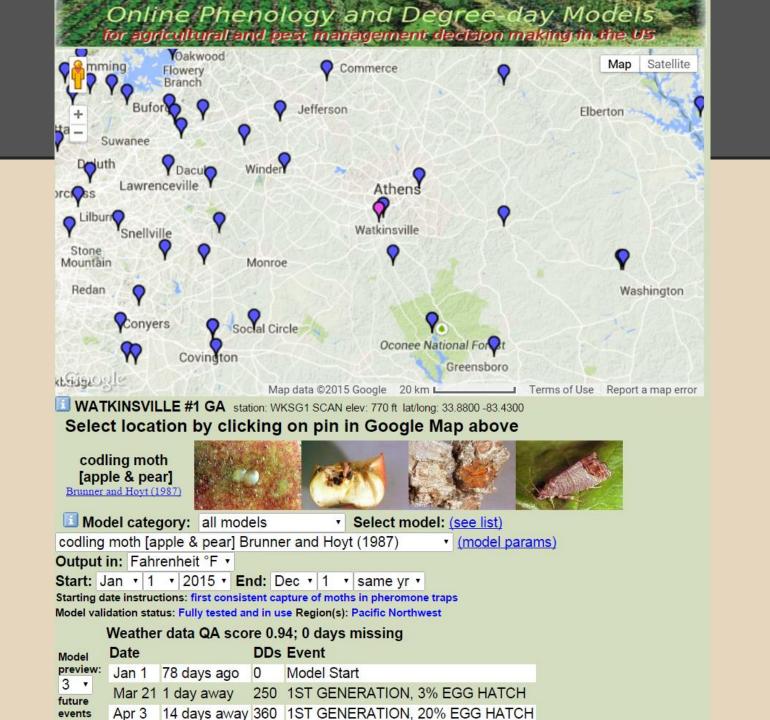
Reports

Sent on Fri, Oct 03, 2014 01:01 am

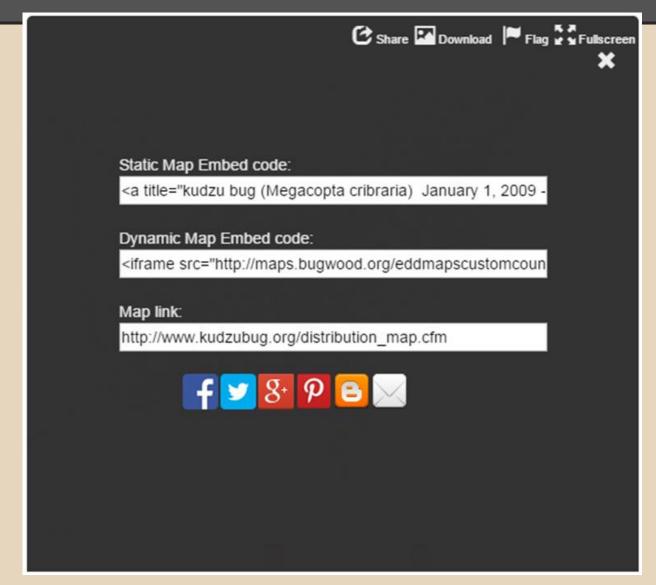


Weather & Pest Models - USpest.org



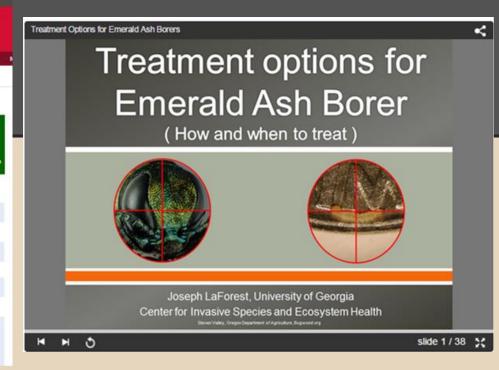


Content Delivery



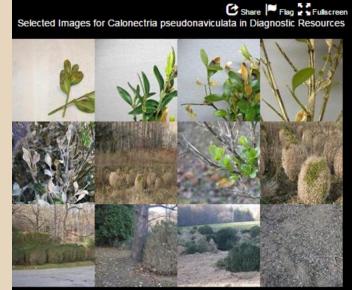


tutgers | Executive Dean of Agriculture and Natural Resources | School of Environmental and Biological Sciences





Current distribution of Kudzu Bug





Want more information?

Stop by the Regional IPM Center's booth (3&4)



























































NIFA Reporting

Guidance and Tips

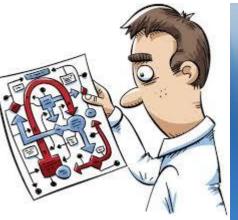






How to Avoid Pitfalls when Using the NIFA REEport*







*Research, Extension, and Education Project Online Reporting Tool



Guidance

- Before you begin, review the instructions for REEport. See "Tools" on the new NIFA website at
 - http://nifa.usda.gov/tool/reeport for:
 - REEport Guide for Project Directors
 - REEport Troubleshooting Guide
 - Newsletters
 - REEport LISTSERV
- Know and Prepare for REEport Due Dates
 - Competitively awarded/non-capacity projects



REEport Due Dates – Competitive

Form Type	Due Date
Project Initiation	Submit as soon as notification of award recommendation is received.
Progress Report	Submit within 90 days AFTER the anniversary of the start date; continuation awards must submit within 90 days BEFORE anniversary of the start date.
Financial Report	Not required in REEport. SF-425 must be submitted via email to awards@nifa.usda.gov .
Final Report	Submit within 90 days after the termination (end date) of the project. It may be submitted at any time to terminate the project.



REEport Due Dates – Capacity

Form Type	Due Date
Project Initiation	Can be submitted throughout the fiscal year, but note that NIFA requires a 30 day review period before the project can become active. Project start dates will be the start date requested or the date of NIFA approval, whichever is later. Start dates cannot be backdated.
Progress Report	March 1 st (May be submitted up to 90 days prior.)
Financial Report	February 1 st
Final Report	No later than March 1 of the fiscal year following the project's end date, but may be submitted at any time to terminate the project.



Tips

 For detailed guidance on specific data fields, remember to use the embedded Help Text by clicking on the small blue icon located next to the field in REEport.



- For example, know the difference between "products/outputs" & "other products."
- When entering "Products" or "Other Products" enter one entry per data field. Don't put them all into one field!



Tips – Products/outputs

- "Products/outputs" –
- Products and outputs refer only to publications, patents, and applications for plant variety protection (PVP). Other types of products and outputs, such as newsletters, workshops, webpages, etc., will be reported on in the "Other Products" section.
- Books or other non-periodical, one-time publications.
- Other publications, conference papers and presentations.



Tips – Products/outputs

- "Products/outputs" Publications are the characteristic product of research.
- Journal publications: Peer-reviewed articles or papers appearing in scientific, technical, or
 professional journals. Include any peer reviewed publication in the periodically published
 proceedings of a scientific society, a conference, or the like. A publication in the proceedings of
 a one-time conference, not part of a series, should be reported under "Books or other nonperiodical, one-time publications."
- Books or other non-periodical, one-time publications: Any book, monograph, dissertation, abstract, or the like published as or in a separate publication, rather than a periodical or series.
 Include any significant publication in the proceedings of a one-time conference or in the report of a one-time study, commission, or the like.
- Other publications, conference papers and presentations: Identify any other publications, conference papers and/or presentations not reported above.
- Patent(s) and/or Plant Variety Protection(s) (PVP)



Tips

• "Other products" - include: activities, events, services and products that reach people. Some examples:



- Activities include: conducting and analyzing experiments or surveys, assessments, facilitating, teaching, or mentoring.
- Events include: conferences, demonstration sites, field days, symposia, workshops, and trainings.
- Services include: consulting, counseling, and tutoring.

Tips

- "Other products" -
- Other Products include: audio or video products; curricula; data or databases; equipment or instruments; models; networks and/or collaborations fostered by the project or activity; physical collections or resources, new animal germplasm, or genetic maps or sequences; software; technology, methods, or techniques; train-the-trainer manuals; website(s) with the appropriate URL(s); information, skills, and technology for individuals, communities, and programs; or students graduated in agricultural sciences.



More Tips

- There are character limits on all fields in REEport, but the main one to be aware of is: for all the large text boxes with the built-in text editor, there is an 8,000 character limit, including spaces.
- REEport does not accept graphics, charts, or other images pasted into any of the open text boxes.
- Also, use care when inserting text that already has an outline structure which is lettered or numbered. REEport can



More Tips

- If you are working on an IPM project, include KA 216 in the REEport classification for Knowledge Areas in your project initiation report.
- For final reports, take out any language that suggests there is more work to do.
- When writing your final report, focus on clearly writing and capturing all outcomes and impacts in the Accomplishments Section – plain non-technical language
- Guidance in REEport Guide for Project Directors



Discussion and Closing **Comments**